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DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

INVESTIGATION OF ASSAULTS, HOMICIDES, AND SUICIDES



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^{*} This bulletin supersodes TB PMG 30, 9 March 1962.

SECTION I

GENERAL

- Purpose and Scope. This bulletin is a ruled for the investigation of assuluts, homicides and suicides. It contains information on the classes of assults, applicable [segal considererations, and investigative techniques. The contains and investigative techniques applicable to the investigation of hominiques applicable to the investigation of homicides and satcles. All photographs in this bulletin wars approved for publication by the 101 within the contained of the
- 2. Comment. Users of this bulletin are encouraged to submit recommended changes or comments to improve the builtin. Comments about the keyed to the specific page, paragraph, and line of the text in which the change is recommended. A reason should be provided for each comment in insure understanding and complete availation. Comments should be forwarded direct to The Provost Marchad General, ATTN: PMGS-C, Department of the Army, Washinston D. C. 20015.

SECTION II

ASSAULTS

- 3. General. Four types of assaults are considered in the Forme for Specifications as set forth in appendix 6c of the Manual for Courts-Martial (MCM), and the table of Lesser in-cluded Offenses set forth in appendix 12, MCM. Article 128 of the Uniform Code of Military Justice (UCMJ) indicates the bade assaults. For purposes of clarity these assaults will be named and considered in a slightly different manner from that presented in the MCM.
- a. Simple Assent: A simple assault is an attempt or offer with unlawful violence or force to do bodily harm to another. Picking up a stone without any attempt or offer to throw it is not an assault. The offer must contain some overt act whereby another person is put in fear of bodily harm. A simple assault is sedom interest to the contained of the contained of
- b. Assault and Battery. A bettery is a consummation of the threat to do bodily harm. It is a more serious offense than a simple assault since actual harm is inflicted on the person measured.
- c. Appravated Assault. There are two kinds of aggravated assault. The first is an assault with a dangerous waspon or other means of force likely to produce death or grievous bodily harm; it is not necessary that death or grievous bodily harm be inflicted. Almost any Instrument or object may be considered as capable of producing the liniury contemplated in this act. Courts have beld that such lterns as a bottle, a beer glass, a rock, and a piece of pipe, as well as other objects may be used in a manner likely to inflict dasth or grievous bodily harm. On the other hand, it has been held that an unloaded pistol, when presented as a firearm and not as a bludgeon, is not a denuerous weapon or a means of force likely to produce

- prievous bodily harm, and this would be swhather the assailant knew It was unloaded or but The second type of sugreyorists assault is continuous to the continuous the second through the second timely indicate (Grievous bodily harm does not include minor injuries, such as a back eye or a bloody nose, but does include fractured or a bloody nose, but does include fractured or a bloody nose, but does include fractured or the body, serious damages to internal organs and other serious bodily injuries.
- d. Assemble With Intent to Commit Certains. Crimes. As stated in Article 134, UCMI, Newseasants are not usually investigated asparately but as part of the investigative process need in the investigation of the crime intended. An assembly with intent to commit an offense in committee intended of the crime intended of the committee intended offense.
- Investigative Techniques. The following techniques and procedures may be used as guides in the investigation of an assault:
- a. Establish That an Assault Was Committed. Upon receipt of information alleging that an assault occurred, first establish if the offense did or probebly did occur. This may be done by questioning the victim, an attending physician, and any immediately available witnesses.
- Question the Victim. In many Instances, it will be advisable to question the victim at least twice.
 - (1) During the initial questioning, in addition to establishing the probability that an offense was committed, attempt to determine the type of weapon used, if any, and whether the victim knows or suspects the identity of the assailant and his motive. The initial questioning should not be lengthy, particularly if the victim is seriously.

injured or if the questioning delays the search of the crime ecces. If the medical officer helieves that the victim may die from his figuries, every effort ehould he made to obtain maximum informetion from his as soon as possible. However, this should be done only with the approval of appropriate medical subtractiles.

- (2) Subsequent interrogation should be conducted after the searth of the crime seene which may provide investigative leads and the besia for further questioning.
 - (a) Most assaults are prompted by a motive. Attempt to determine a motive for the threat or violence. The discovery of a person with a motive and the opportunity to commit the assault will afford a lead to the possible identity of the assallant.
 - (b) Attempt to elaborate on the information obtained during prior questioning. The victim may have a reason for not belling the truth. For instance, a man who had been assailed by the husband of a woman with whom he has become involved may deny any knowledge of why he had been assailed or the identity of the assailant.
 - (e) A victim may not know why he was assaulted. In seeking investigative leads consider the possibility that the assaliant made a mistake in identity or that the victim without intent or knowledge interrupted some unlawful set of the assaliant.

c. Search the Stens. Search the scene for widence as son after the incident as feasible. The search may be partially or completely made while the widen is still on the secon Give annealment of the search of the search search marks, and other traces that indicate as culf marks, and other traces that indicate as culf marks, and other traces that indicate as commonplace item, such as a button or piece of thread, found at the scene. A commonplace item, such as a button or piece of thread, found at the scene may be of evidentiary value and may provide a lead to the detailed of the search of the search

victim was not present during the search, it may be advisable to visit the scene with him may be advisable to visit the scene with this may be advisable to visit the scene with the may provide a better understanding of how the assault occurred and may lead to the discovery of additional evidence. Techniques discussed in TB PMG 21, Crime Scene Processing, are applicable for searching the scene. See paragraph 182, MCM, U.S., 1951, for a discussion of legal and flegal searches.

d. Oncation Witnesses. Seek to locate and question witnesses to the assault. While there is no legal requirement to caution witnesses of their rights under Article 31, UCMJ, or the 5th Amendment to the United States Constitution, the horderline to which an unsuspected witness approaches that of a suspect le so undefined as to make it advisable to warn witnesses of their rights, Questioning may reveal evidence of a threat made against the victim or an aspression of intent to commit the aseault. Witnesse may be rejuctant to answer direct questions for feer that they may have to appear in court, because the assailant is a friend or acquaintance, or from fear of the assailant himself. Develop all information concerning any unusual activity in the area. Thoroughly question persons living, working, or otherwise in the vicinity of the ecene concerning the identity of persons seen or believed to have been in the area.

e. Questioning the Suspects.

- questioning the Suspects.

 (I) First to any questioning, any suspect or accused must be given a proper incrimination. The simple act of reading him Article 81, UCMJ, or the Fifth Amendment of the Constitution if a person is not subject to the UCMJ, will not be sufficient to meet logal recommendation of the proper warring. The components of a proper warring. The components of a proper warring.
 - (a) The nature of any offense of which he is suspected or accused.
 - (b) That he has the right to remain silant, that is, to say nothing at all.
 - (c) That anything he does say can be used against him in court.
 (d) That he may consult with counsel

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have counsel present with him during the quastioning. Counsel may be civilian legal counsel reteined by him, or counsel appointed for him at his request.

In addition to the rights mentioned above, if any time before or during the questioning the suspect or accused indicates that he widnes to means similar the questioning mat cease. If at any stage before or cluring the questioning and in the properties of the prope

- (2) Questioning of the suspect should he based on information developed during the investigation. Such information may relate as to whether—
 - (a) He had a motive and an opportunity to commit the assault.
 - (b) He was in the vicinity of the scene.
 - cess to a weapon used in the assault.

 (d) Physical avidance found at the scene can be related to the suspect.
 - (e) Based on the suspect's past record, he is the type of person that would commit an assault.
- 1. Background Information.
 - (1) In those instances in which extensive

- investigative effort fails to identify the assailant, check the vicitm's background, associates, and activities. Check police and personnel records to determine if he had been involved in any previous incidents. Question relatives, members of his military un t, neighbors, and associates.
- (2) Information thus may be developed that indicates that the victim has a motive for withholding information. This situation can be used as a basis for further questioning of the victim, suspect, and witnesses.
- (3) In some instances, it may be advisable to confer with the medical officer treating the victim, after the initial facts are assembled, to determine if the injuries could have occurred as indicated by the circumstances, tha estimated age of the injuries, and any related information which might denend mon the ability of the victim to give an accurate account of the incident. The medical officer responsible for the care of the patient may be able to indicate the type of weapon that could have caused the injury, the anproximate time of occurrence, and tha extent of incapacity of the victim because of sicohol, drugs, or physical disabilities which might affect the victim's ability to recall the circumetances.

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SECTION III

HOMICIDES AND SUICIDES

- 5. General. a. The determination of whether a death is the result of homicide or suicide may will be one of the most difficult problems faced by an investigator. It will require all of his skill, training, and experience, in addition to the cooperation of the Medical Officer and others.
- b. Homicide in the killing of one human being by another human being. The killing of a human being is unlawful when done without justification or excuse.
- c. Sulcida is the taking of one's own life. When a person dies who is subject to or within an area of military jurisdiction, an investigation is conducted to determine if a eriminal revan associated with the cause of death. An axception to the above occurs when a person die from netural causes and a madical officer is in attendance.
- 6. Legal Considerations. Depending on the facts of the incident, the unlevel killing of a person by another may constitute murder or a leasur offense. Discussions of the offenses of murder and manufacturers set forth in paratively. In addition, negligest, bond, respectively. In addition, negligest, bond, respeccharged se a violation of Articla 184. Uniform Code of Military Justice. This offense is not discussed in detail in this MCM. The elements of this offense area.
 - (1) That the victim is dead.
 - (2) That his death was unlawfully caused by the act or omission of the accused.

naglicence.

- and
 (3) That such act or omission constituted
- Investigators should be thoroughly familiar with the elements of these offenses and the distinguishing factors of each

- 7. Responsibilities. Several agencies have definite responsibilities to the commander for investigating deaths occurring under asspicious circumstances. When there is an apparent conlict of interest, report this conflict to your auparvior so that it may be resolved through official channels.
- s. The medical officer is responsible for determining the cause of death. A medicologue autopsy is authorised or ordered by proper military or civil authorities in cases of accidental, anicidal, homicidal, pnattended, or unexpected death, not only for the nurpose of determining the cause and manner of death. but also to protect society and to insure administration of justice. In some cases, the autopsy may not reveal the cause of death, and microscopic, toxicologic and other special laboratory studies are required. In a small percentage of cases, the cause of death is undetermined. The investigator is encouraged to establish and maintain liaison with the medical officer, or pathologist, who performs the autopsy. The investigator should inform the pathologist of the circumstances of death and preliminary investigative findings prior to the autopsy. Knowledge of the circumstances of death anables the pethologist not only to select appropriate procedures for determining the cause of death, but also to offer an opinion concerning the manner of death. The medical officer is also responsible for completion of esrtain military records and official certificates of death
- b. The provest marshal is responsible for obtaining all facts pertaining to deaths occurring nucler assignous circumstances to determine if the deaths were due to homicide, accident, or suicide; and, if homicidal or accidental, to determine the person or persons responsible.

- c. The line of duty investigating officer is responsible for determining the duty status and personal conduct of the deceased. He has no jurisdiction ever the progress of a criminal investigation.
- d. The safety officer is responsible for determining the asfety or lack of safety factors in an accident. His interest in accidents is from the standpoint of safety only.
- . The intelligence officer is responsible for determining security considerations. His primary concern is to insure that there has not been, and will not be, a compromise of any ciassified material. This is particularly important in the case of death by suicide, Close military police criminal investigation-intellegace listson is absolutely essential, and is directed by Army Regulation 195-10. The receipt of a report of death due to homicide, accident, or suicide must be immediately relayed to the pearest intelligence agency. If the victim had access to classified material, the investigator should request the intelligence officer to determine if any of this meterial is missing. The criminal investigator must be conscious of his responsibilities as the primary investigator and ensure that intelligence agency officials are kent fully advised of the progress of the case, until it has been clearly established that no further security interest exists.
- f. In some instances, the instellation commander or a higher sutbority may conven aboard of inquiry to determine the facts associated with a death. Such a board has broad powers and may inquire into all phases of the incident.
- Csordination of Invastigations. To promote the effective coordination of investigations involving deaths, close lisison should be insured within commands between investigative, medical, and related forensic personnel.
- a. Periodic meetings at the local level to discuss these problems which occur during the conduct of homicide investigations, or problems which are anticipated, provide an invaluable medium for the exchange of ideas and the establishment of a studing operating procedure. These personnel may be referred to as a Forensic Council. Metters of mutual interest include, but are not limited to:

- (1) Jurisdiction.
- (2) Investigative responsibilities.
- (8) Local agreements with civilian authorities.
- (4) Status of forces agreements.
- (5) Rules and procedures to be followed by military police, CID, hospital emergency room personnel, and pathologists.
- (6) Formulation of a standing operating procedure.
- b. A Formetic Council is an excellant method for orienting new personnel, and its provides a means for informing each group of their respective roles in the invastigation of violent, suspicious, or anexpected deaths. Although the concept of cooperation between the investigetor, issue officers, patholysis, military comregations, approach will insure mutual undersizable of the control of the control of the standing and better application of saw and educes to that justic may be served.
- 9. Investigative Techniques at the Scene. a. Make every reasonable effort to arrive at the scene of a raported homicide, fatal accident, or suicide before the scene has been disturbed. At a scene from which the victim has not been removed, the following procedures, in addition to those presented in TB FMG 77 and in eppendixes II and III of this bulletin, should be followed:
 - Immediately upon arrivel examine the victim for indications of life, if a medical officer is not present, and if appropriate, render first aid.
 - (2) Notify, or arrange for the notification of, the appropriate medical authority.
 - (3) Attempt to obtain a statement if the victim appears to be in critical condition or is dying. Make note of any circumstances which might permit the statement to quelify for admissfully in evidence as a dying decleration (MCM 1961, para 142a).
 - (4) Determine the identity of the person who discovered the incident or scene and the identity of the person who made the first official report.
 - (5) The ecene and the victim should be photographed. (See TB PMG-9, In-

vestigative Photography) Later after removal of the victim, it may be doalrebie to reconstruct the scene and its action to demonstrate the significance of relative positions of pertinent evidence. If may be desirable for study nurnoses to record the results with still photographs or motion pictures. The person who represents the victim should be approximately the same height and weight as the victim. This reconstruction may aid in determining how or whether force was applied, whether injury was inflicted in a certain manner or from a cartain direction or other factors as to how the incident occurred.

b. Note and record the following post mortem conditions and bring them to the attention of the medical officer, or pathologist, who performs the sutopsy, for interpretation:

- (1) Liver mortis. Liver mortis is the reddish-murple discoloration which occurs after death as the result of settling of the blood by gravity toward the lowest portion of the body. Livor mortis is usually noted within 16 to 2 hours after death, and the color of the liver mortis may provide some indication of the cause of death. For example, a bright cherry red color is suggestive of carbon monoride poisoning. For several hours, the distribution of the liver mortis changes if the body is moved to other positious. Pressure against the skin in areas where it is noted results in blanching When the pressure is removed the reddish-purple color is noted again. After 4 to 6 hours, the liver mortis remeins fixed in position and movement of the body will not result in a change in the distribution of liver mortis.
- (2) Continsons. A contusion, or bruise, is a localized hemorrhage within the body or skin, as the result of injury by blunt impact. A recent bruise is actually dark red, reddish-purple, or blue, and the color of the bruise is uniform. After a day or so, a yellow-

- ish margin is noted, and inter the bruise changes in color from green to brown, to brownish black. Although the investigator should record the color of bruises, the estimation of age is difficult and opinion of a medical officer should be obtained.
- (3) Bleeding. The presence and location of blood are significant. When injuries are noted, particularly about the respective properties are noted, particularly about the or hierarchy and the possible that the riguries were inflicted attended to their the victim was killed at some other location. At death, when the heart stops beating, blood pressure crops to see not hit blood may drain from a wound atter death, due to that force of gravity. A blood sample of a victim should be taken to determine the properties of the properti
- (4) Rigor mortis. Rigor mortis is the stiffuluing of the body after death caused by the contraction of muscle due to chemical changes within the muscle tissus. Although the time of moset of rigor mortis is variable and dapendant upon several conditions, it would y sixts shortly after death in the muscles of the frush each extremities. It progresses downward to the mackles of the trush and attrementies. Development of rigor mortis is usually active of rigor mortis is usually disappears in the same measurements.
- (8) Cadserrie pram. Cadwerte pram. constitune called "desh grip" takes place instantity at death and does not relax; however, cadwerie passent does not occur in all destha. It has no significant description that can be made is that if a weapon in found tightly gripped in the hand of a deceased person, the discussed person died with the weapon in his hand. It is impossible to simulate cadewate spans by placing something in a person's

e. It is not unusual to invastigate an alleged homoided in witch the doty has been removed from the aceae and the scene returned to its normal use or activity. Furthermore, the body may have been interved. In an investigation of this nature, in addition to recentracting the scene, closely examine records of any previous investigations of the death and seek to satabilish may be precessary to have the body exhumed for an examination by medical personnel.

10. Shooting. a. An investigator should use terminology in describing missile wounds that have a mutual meaning between investigators and pathologists. A wound might be any one or a combination of the following:

- (1) Contusing—causing a bruise,
- Glancing—striking the body without causing any visible injury.
- (3) Penetrating—entering into the body with no exit wound.

- (4) Perforating—a shot passing completely through with both an entrance and exit wound
- (5) Superficial perforating—a lacerating type of wound. This type of wound is often mistaken for a cutting wound made with a knife or similar instrument.
- (6) Pacudoperforating—a wound in which the build remains in the body with an exit wound caused by a bone fragment,
- (7) Secondary missiles—environmental or body components struck by a bullet and becoming missiles themselves. Equipment, wood from bunkers or trees, stons, and bone fragments, may become secondary missiles. X-ray equipment is otten used to locate a bullet in a body when no exit wound is discernible. Stab wounds have been nitration for bullet women.





Figure I. Perferentia, and prostrating guarhet wounds. Solicité. After he had killed his wife, the husband used his mans wayson to commit suicide. The builts perfected the cheef and penetrated the left arms where it was received hemath his tailton. The contact wound of the left chest is contrasted with the accordary wound of entrunce in the left arm. (AFTP Negative No. 68–2811).

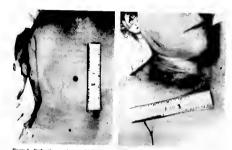


Figure 2. Perforation nonship would. Homicide. This woman, abot in the back with a celliber of nonsatire but by her hombord, has characteristic wounds of entrance and sail, resulting from firing of the weapon of a range some distance away from the victim, GA-FP. Negative No. 64-5454.)

b. A determination must be made as to which of the wounds is the entry and which the exit. An investigator or pethologist who has had extensive experience with bullet wounds should view the body to be sure that a correct determination has been made. Usually the basis is the appearance of the wound itself. Small wounds are indicative of entry wounds while exit wounds are usually larger with a greater amount of tiesue damage. The angle of the bullst's flight may be determined from the angle indicated by a probe placed into the wound. If external evidence is available, such as a bullet in a wall, or in a tree, the position that the victim was assuming at the time he was shot can be determined accurately. Lacking this external evidence, judgments must be carefully weighed to preclude errors caused by the victim stooping over or assuming some sttitude other than standing upright. In very rare occasions, the sequence in which hullets struck



Figure 3. Disgress of wounds by bullets at distant and close ranges. This drawing shows the path of the missile through the skin and the differences in the appearance of antrauce wounds. Not the imprint of the meanle, cherring of the skin, and powder ranking in the contact wound on the right.



Figure 4: Shotgun waund of back. Hemicide. The pattern of the shot depends upon the length and choke of the barra. The weapon was a sewed-off shotgun and ballistics lests with the weapon could determine the range of fire. (Office of the Chief Medical Examiner, State of Marsland.)



Figure 8. Shotgau wound of head. Homicids. It had been alleged that this man countilted satisfie with a 12-gauge shutgam. Ballistic tests with the weapen, however, revealed a pottern which indicated the range of fice as 12 feet. (Office of the Chief Medical Examiuar, State of Meryland).

the body can be determined by a reconstruction of the shooting,

c. If the bullet passed through the victim's clothes, the invertigator should obtain the clothes and forward them to a laboratory for examination. If possible, the investigator should remove or assist in removing them. Clothing should be carefully removed in the normal manner, with each item placed in separate plastic bags and identified. If the garments are damp, they should be dried in sir by hanging in of the young the preserve the evidence. Coldning may be cut from the body only if absolutely necessary. The medical officer who performs the properties of the properties of the same and the properties of the control of the same and the properties of the control of the same and the properties of the control of the same and the properties of the control of the same and the properties of the control of the same and the control of the control of the same and the control of the control of the major that the control of the control of the major that the control of the control of the province of the control of the control of the same and the control of the control of the control of the same and the control of the control of the control of the province of the control of the control of the control of the same and the control of the control of the control of the same and the control of the control of the control of the same and the control of the control of the control of the same and the control of the control of the control of the same and the control of the control of the control of the same and the control of the control of the control of the same and the control of the control of the control of the same and the control of the control of the control of the same and the control of the control of the control of the same and the control of the control of the control of the same and the control of the control of the control of the same and the control of the control of the control of the same and the control of the control of the control of the control of the same and the control of the control of the control of the same and the control of the control of the control of the control of the same and the control of the control of the control of the control of the same and the control of the control of

d. If powder residue or burns are found on the victim's hands, they may assist the investigator in determining whether the death was hordlede or suicide. The dermal natrate test has been discredited, for the method is not specific and false positive results may occur. Consideration should be given to the use of neutron activation analysis, for this test is now available to the investisator.

11. Stabbing. A stab is a penetrating wound indicted with a weapon, such as a furife or stiletto. A wound inflieted with a stiletto or ice stiletto. A wound inflieted with a stiletto or ice plock map have the general appearance of a specific map have the general appearance of a faile to reveal a definite included in or stabilities, consider the possibility that the wound was made in some other measure. X rays of the wood may be helpful in locating an imasupected bollet or fragments of a weapon, such as a kind of all the control of the words.

12. Cutting. A cut is an incised wound inficted with a kinde, ranor, piece of glass, or other sharp-edged instrument. Where multiple cuts are involved, those on the pairms runtiple of the hands and the outer surfaces of the forest arms of the victim, are usually defensive cuts, frequently they are indicated to homicidal stack.

13. Chopping. A chopping wound is a combination cut and laceration. The wound is usually indicted with a heavy instrument, such as a cleaver, methete, batchet, or ax. The medical examiner may be of assistance in determining the type of instrument thet was used, by determining the depth, width, and general

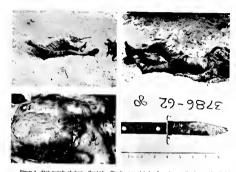


Figure 6. Stab waunds of chest. Hamicide. The decomposed body of an Army exhisted man, identified by fingerwinds, was discoursed partially buried in a shallow grave on a military reservation. Examination of the body disclosed a size wound of the left chart with preferciation of the heart. As satisfig astife save free the homistick was found partially buried in sami about 175 feef from the body. Examination of the high reversed stains of human blood but the blood type could not be determined. (APP, Requirte Ne. 64-261, 56-4523).

appearance of the wound and amount of tissue damage.

14. Strangelation. Homicidal atrasgulations may be committed in several ways. Judo or karab blows to the throat may case damage to karab blows to the throat may case damage to the largax followed by suffocation. In deaths of this nature the pathologist can usually find sizes of this damage by an examination of the largax and associated antomical atructures. Strangelation by historiar are also dirtly completely considered to the second of the second control of the second contro

ly encountered but may be a method used in homicidal strangulation. The garrote may be made with rope or similar material found at the scene or may be made of specially prepared materials. The garrote may or may not be found remaining around the subject's neck. A minute examination of the marks left on the skin may reveal the type of garrote used. In cases of atrangulation by choking with the hands, an investigator is often able to determine whether the victim was attacked from the front or back by an examination of the brulses left on the neck by the fingers. Fingernail marks are quite frequently found on the neck of the victim. In cases of manual strangulation, fingernail scrapings of the victim should always. be taken, as frequently the attacker is scratched



Figure 7. Inclosed wounds of wrist. Suicide, Death resulted from loss of blood from mathlple jurised wounds of the wrists and arms due to a risory blade. Note the amount gapplug margins of the larger incisions and the number heelitation cule. (AFIP)

during the attack and such scrapings may provide valuable evidentiary meterial. A fracture of the hyoid bone, a U shaped bone at the base of the tongue, is nearly always found in cases of manual strangulation. A person cannot strangle himself since at the time of unconsciousness the hands will relax and breathing will resume.

15. Hanging. a. Hanging consists of atrangulation by means of a rope, cord, or similar instrument working against the suspended weight of the body to cut off the supply of air to the lungs. A person does not have to be completely suspended to hang. Another type of hanging may be accomplished by tying the rope to an object, such as a barn rafter or a tree limb, and jumping or being pushed from the auspended object. This method may break the neck of the victim if the falling distance is more than just a few feet. An examination should also be made at the scene of the object over which the rope, or other material is laid, such as a rafter or beam, for marks indicating the direction of travel of the suspending material. It may be necessary to remove the object for examination at the laboratory.





Figure S. Incised would of right shoulder. House'de. The larised would of the aboulder and a stab would of the abounder and a stab would not abdance were incurred during an altercation. Examination of the clothing and wounds in reases of thin type may provide us estimate of the alsa and type of weapon. (AFIP, Negative No. 56-1541.)



Figure 3. Chop wounds of hand inflicted by machete. Homicide. These deep incised wounds are characteristic of a heavy, sharp-edged instruments, and represent an attempt by the victim to defend himself. (AFIP, Negative, No. 66, 2015.)

- b. In investigating a suspected homicide by hanging, examine the scene for signs of a struggle and the hands of the victim for defensive marks or robe hunns.
- c. In taking down the victim, never untie the knots. Cut the hanging instrument about halfway between the victim and the point of suspension. Cut it from around his neck on the side opposite the knot. The type knot may provide a lead for investigation.
- d. The hanging instrument should be exsmined in a isboratory to determine if it had been pulled up sgainst the weight of the body.
- s. A careful examination of the groove around the nack should be made. The position of the groove in relationship to the location of the knot should also receive careful attention. The mark of the hanging instrument should be in consonance with the location of the knot. For example, if the knot is in front of the face

the despest part of the groove should be on the nape of the neck. Any discrepancy in these correlations would be indicative of homicide.

f. If the victim is nude, if he is suspended before a mirror, if the suspension is of an unusual nature, or if any combination of these circomstances exists, an accidental hanging associated with an abnormal sexual motive may be suspected.

16. Poisoning. a. Death may result when the body ingests food, drugs, or chemicals with destroy the balance of metabolism, paralyze the central nervous system, or destroy or injure central nervous system, or destroy or injure the digestive tract or system. Hombicidal poisonings are rare in the millitary service. Most of the deaths by poison are either accidental or mixed as a contraction.

b. When a death is encountered under circumstances indicative of poisoning, obtain any



Figure 10. Manual strangulation. Homicide. Note the strategies of the skin of the neck compatible with figurerall scretches. Fracture of the hyold bone and hemorrhage in the soft thance of the neck were found during the postmortem examination. (AFIP, Negative No. 54.1845)



rigine 11. Sittinguarion by annuing, Sancial Death by applying may occur without complete suspension of the body. Knowledge of the circumstances of dank, investigation at the new and certainties with the post mortem findings are required to determine the munner of death. (AFFP, Ngather No. 68-6565.)



Figure 12. Strongziation by hanging. Nois the furrow of the skin extending apword slong the left side of the neck. (APIP, Negative No. 66-3498.)

exerction, vomitus or foces, and seal it in a suitable container to prevent the loss of volatile poisons, make a note of any odors, and impound, for laboratory analysis, any leftower foods and beverages. Foods that are sealed, or not obviously touched, such as fresh fruits, need not be considered. The contents of the medicine cabinet should be carefully checked and sil bottles or other containers having medicinal contents should be recovered for analysis. The



Figure 13. Strengelstico by Inouling. Accidental Dis secicient al transplation by Anapting was assential with an automatic set. Careful investigation at the ences of seath and evaluation of the circumstances of death are required to these cases. Note the precision association by the neck and feet in our the bendage of the bands helmal the back and feet in our the bendage of the bands about the contract of the contract of the contract of the section of this type death.

investigator should keep in mind that such containers might be mislabeled, or their contents changed, and should not be mislead because the container appears to indicate a nontaxic substance. Condiments should also be analyzed for the presence of poisons as these substances camouflage poisons quite well. A toxicological examination should be requested in all suspected poison cases. All information concerning the circumstances of the suspected poisoning should be provided to the laboratory performing the toxicologic analysis. Search for an unknown substance may require 60 or more man hours of laboratory time, and the investigator should provide the laboratory with as much information as possible concerning suspected toxic substances. Unless specific instructions are provided by the laboratory, the investigator should

ot add a preservative to any of the specimens btained for laboretory exemination. When a delay is enticipated, freezing of the specimens is permissible. The crime laboratory, or laboratory performing the toxicologic analysis. should be informed of suspected poisons, drugs, and containers found at the scene. Investigators sometimes fail to realize the problems encountered in the detection of an unknown poison. Since there are a great variety of noisons which have a variable distribution within the body, the polsons mey be altered by or eliminated from the body if the victim survives for a period of time. Knowledge of the circumstaness and suspected poisons will enable the toxicologist to select appropriate methods for analysis.

c. If death resulted from a poisonous gas, such as carbon monoxide or illuminating gas, a blood alcohol determination should be requested. A high degree of alcohol content may indicate that the person was too intoxicated to have carried out the necessary preparations himself.

17. Falling. Falls are usually eccidental. A person may be pushed or thrown from a haight; however, such incidents are rere. It is usually helpful when investigating an incident involving a fall to consider the blood alcohol content of the victim. The height from which the victim fell, and the distance from the base of the object to the point of impact, should be carefully determined. An average person falling for a height of 100 feet will normally land approximately 14 feet from the base. If the body is found at a proportionally greater distance than this, it would be a strong indication that the body was thrown. The investigator should not overlook the fact that a body might be found at the very base of the object under two electronstances; one in which the victim may have been rendered unconscious and rolled over the edge. An examination of the point of departure of the body should receive adaquate attention.

18. Berming. Except in cases of aron, most-burrings are accidental. An autopay will determine if the victim was elive at the time of the burring, by the presence of tinhaled such exparticles, or carbon memoride in the blood. The most difficult problems in the invastigation of a death by burring are establishing the reletionship between the death and the cause of the fire,

and the identification of the victim. Exhaust every reasonable possibility before an exact identification of e burned body is made when the fluorengints have been destroyed.



Figure 14. Post mortem burns of body. Homicide. The charred body of a man found in a burned house revealed a missile wound of the chest. (Office of the Chief Medical Examiner, State of Meryland.)



Figure 15. Post mortem berne of body. Homicide. Examination of the charred body disclosed a perforating missile would of the heart. The men was shot during an attention and the fire resulted from overjurning of a kerosane imp. (Office of the Chief Medical Examiner, Stale at Marrisud.)

19. Drowning. a. Drownings occur under the following conditions:

 A violent apasm of the victim's neck, throat, and chest musclea prevents breathing and death results from

asphyxia.
(2) Water in the victim's throat causea

choking. Breathing attempts cause the mucus and water to form a foamy, frothy, viscid secretion that blocks the traches resulting in asphyxia.

(3) Seldom is water found in the lungs of a drowning victim except in very small quantities

b. When a body is recovered from water, an autopsy will smally reveel if the person was alive when he entered the water. Chemical examination of the blood obtained from the least by tha medical officer performing the autopsy may reveal whether the person drowned in salt or fresh water. The text consists of take ing blood specimens from the right and jeff vanticles of the beart. If a person drowns in fresh water. The chiefit for centre of the blood fresh water. So we have a supplied to the contract of the contract of the blood of the chiefit for the contract of the blood.



Figure 16. Contasions, abrasions and lacerations. The aveiling of the lip and left cyslid, and discoloration of the also over the left eys and bridge of the none, are obseratoristic features at contasions. Note the abracions of the nose and irregular lacerations in the akin of the free, Those injuries are commonly caused by blant inpact.

taken from the left ventricle will be less than that of the blood from the right ventricle. The chloride content will be higher instead of lower if the drowning occurred in sait water, however, the determination of the magnesium content of tha blood is recommended when drowning in sait water is a suspected.

20. Beating. a. Death from a beating is usually unpremeditated. The significant indications of a beating are extensive brulees. An autopsy will usually show ruptured vital organs and crunic) hemorrhages.

b. When a weapon is used it usually leaves distinct impressions on the body. In such an instance, attempt from the impressions to determine type of weapon used. It may be valuable in associating a suspect with the offense.

c. When a person is kicked or stomped, impressions end distinctive marks caused by the shoe are frequently found on the clothing or



Figure 17. Blum impact Injuries of head. Hamilton. The young women died as a result of head injuries an expiration of hiese, altergally incurred is an automotion secretar. The confidence of head, altergally incurred in an automotion axamination, however, were not compatible with his meaner of death. An ieou spic ladicted these injuries and a stone was weeked moder the ecceleration of the confidence of the

on the body. These marks should be abotographed, and if on clothing, the clothing should be sent to the laboratory for examination. Susnect's shoes or boots should also be sent to the laboratory for possible comparison with the marke

d. When a person is besten to death, the body may be moved to an area to simulate a vehicle accident or a fissing the scene accident. The body may be run over with a vehicle. An autopsy may show that the injuries are not consistent with motor vehicle injuries and a search of the area will usually reveal no point of impact. A diligent search of the area may reveal evidence inconsistent with any accident theory.

21. Sex Murder. A sex murder may be committed by any means: however, the most common means are strangulation and stabbing. Do not be misled in the death of a woman or child by the fact that no sexual intercourse took place. A woman or child who has been strangled or stabbed with numerous cuttings and whose sex organs have been exposed or mutiisted is usually the victim of a type of say murder. In such situations, the opinions of a nevchiatrist or other medical officer should be obtained.

22. Salcide. The techniques of investigating suleide and homielde are basically the same In both instances it is very important that motive be established (para 24). Opportunity is a factor to be considered where there is any indication that an apparent or slieged suicide may be a homicide. Consider the following factors when inquiring into a death that appears or is alleged to be a sulcide:

s. A woman seldom commits suicide in the nude.

b. A suicide victim usually opens his clothing when attacking parts of his body. c. In a suicide, a person seldom, if ever

shoots himself in the eve d. Men are more prone to use weapons or violent means; women are more prons to use poisons.

s. Persons who commit suicide by cottings and stabbings usually leave hesitation marks. These marks are alight cuts or scratches which the person makes with the suicide instrument



The use of a plastic bag is not an uncommon method for suicide. (APIP. Negative No. 68-4295.) before he has the resolve to make the fatal cut

or stab.

f. Whether the suicide victim is right or left handed (of particular significance in shootings and stabbings).

g. Seldom will more than one deep wound be inflicted when an instrument, such as a cleaver, machete, hatchet, ax, knife, or ice pick, la used to commit suicide

k. Does the investigation reveal-

(1) Previous auicidal attempts or tendencies?

(2) Financial difficulties?

(8) Failing health? (4) Unwise or indiscreet emotional involvement with the opposite sex?

(5) Psychiatric problems?

(6) Domestic troubles?

(7) Fear of compromise or punishment? i. A person who commits auicide by drowning usually removes his coat and hat, and leaves

his waltst (puree or handbag) with his coat and hat.

- j. A person usually jumpe feet first to his death.
- 23. Identification of Decassed. Do not place complete reliance on a visual identification of the victim. Pingerprints are the most positive means of identification. When fingerprints cannot be obtained, the next best means may be dental charts or records of injuries or operations, such as broken bones, surgical repeirs, or removal of perts of the body. The following means may be used to identify the victim:
 - a. Fingerprints.
- b. Teeth, bones, and physical characteristics. Medical records may aid in the identification of the victim.
- c. Clothing. Clothing may require aboratory examination and extensive tracing of chronological possession. Of perticular importance are the size, type, and condition of the clothing; laundry and drycleaning marks; and foreign substances adhering to the clothing.
- d. Idantifying tags and documents. Metal tags, identification cards, and other documents may help to provide identification. If a document appears to have been tamperad with ori if it has been mutilated or burned, it should sent to a laboratory for examination or restoration.
- e. Metal articles. Although metal articles, such as pochet knives, watches, rings, cigarrette lightars, and belt buckles, may be separated from the victim or mixed with similar objects from other victims, they are seldom consumed by fire or destroyed by an explosion. Unless the exact locations where these articles were found are recorded, their value for identification purposes is raduced.
- 24. Metive and Opportunity, e. In instances in which the perpetrator of a homeids is unknown or a suspected or accused person denies being involved in the incident, it is of prime importance to establish a motive and the identity of persons who had an opportunity to comit the offense. These two factors are of equal volus. The selection of which one to consider first depends on the circumstances of each incident under lowestigation.

- If it is determined that a person had an appearnt motivs, determine if be had the opportunity to commit the offense.
- (2) Conversely, if a person appears to have had an opportunity to commit the offense, determine if he had a motion.
- b. The facts currounding motive and opportunity are usually developed through questioning.
 - Question witnesses concerning what they observed. Particular attention should be given to unusual incidents that may be indicative of a motive.
 - (2) Question acquaintances and relatives of the victim to develop the identity of each person who may have had a motive or opportunity.
 - (3) Question associate of the suspect(e) to determine their knowledge of his relationship with the victim.
 - (4) Question the suspect(n) concerning his relationship with the victim and his whereabouts and activities during, before, and after, the incident.
 c. Surveillance or undercover investigation
- may be appropriate or required to develop leads that may tand to establish motive.

 d. Alibis having a bearing on epportunity should be investigated for corroborative support.

25. Autopey. It is the responsibility of the medical officer, usually a specialist in pathology. to determine the cause of death. The investigator cooperates fully with the nathologist Generally autopsies on parsons subject to the UCMJ ace performed by military pathologists and autopsies on persons not subject to the UCMJ are performed by civillan pathologists on request or order of civil authorities. There may be variations in procedures in overese areas over which commanders have authority. Discuss with the pethologist all known facts and any special considerations or information needed. The investigator should be present at the autopey to answer questions and to receive evidence or specimens recovered from the victim. If the pethological findings are not understood or if they seem to be Inconsistent with known facts, discuss them further with the pathologist before the body is released from medical control

28. Estimation of Time of Death. Depending upon the circumstance, the medical officer, especially a pathologist, can often provide an opinion concerning the time of death. It is desirable for the medical officer, or pathologist, to participate in the investigation at the serne in order to note the condition of the body, the postmortem changes, environmental conditions,

and circumstances of death. When certain control factors, such as climatic conditions and time of expeater to the elements, are known, the mideal officer may give a bread estimate of ripor mortia, loss of body temperature, and the state of putrelaction of the remains. The changes in brain, restal, and liver temperature have been used to estimate time of death, but have been used to estimate time of death, but and a constitution of the element continues may also be of value.

APPENDIX I

REFERENCES

1. Military

AR 190-22	Military Police: Selzurs and Disposition of Property
AR 190-45	Military Police: Records and Forms
AR 195-10	Criminal Investigation: Military Pollos Criminal Investigation Activities

AR 195-11 Accreditation of Military Police Criminal Investigators
TM 8-300 Autopsy Manual

TM 10-286 Identification of Deceased Personnel

TB PMG 15 Techniques of Interviewing and Interrogating TB PMG 22 Polygraph Examination

TF 19-2442 Suspects and Witnesses: Part I.—Basic Interviews
TF 19-2443 Suspects and Witnesses: Part II.—Complaints and Hostila Witnesses

TF 19-2444 Suspects and Witnesses: Part III—Interrogating Suspects
TF 19-2966 Processing of Evidence: Part II—Preservation and Collection
TF 19-2967 Processing of Evidence: Part II—Harding Evaluation and III—

TF 19-2967 Processing of Evidence: Part II—Handling, Evaluating, and Identifying GP 19-49 Military Police Observation and Description

Manual for Courts-Martial, United States, 1951.

2. Others

Adam, John, and Adam, J. Collyer, Criminal Investigation, Sweet and Maxwell, Ltd., London, 1949

Clift, Raymond E., A Guide to Modern Police Thinking, The W. H. Anderson Co., Cincinnati, C1956

Cuthbert, C. R. M. Science and the Detection of Crime, Philosophical Library, New York, 1958 Eiseman, James S., Elements of Investigative Techniques, McKnight and McKnight Publishing Co., Bloomington, III. (1949)

Else, Walter Martyn., The Detection of Crime, The Police Journal, London, 1985

Falz, P. A., (Editor), The Medico-Legal Autopsy Laws of the Fifty States and the District of Columbia, Armed Forces Institute of Pethology, Washington, D.C., 1965

Feifel, Hermen Ed., The Meaning of Death, McGraw-Hill Book Company, Inc., New York, 1959 Gonzales, T. A., Vancs, M., Helpern, M., and Umberger, C. J.: Legal Medicine, Pathology and

Toxicology, 2d edition, Appleton-Century-Crofts, Inc., New York 1954 Gradwohl, R. B. H. (Editor), Legal Medicins, The C. V. Moseby Company, St. Louis, Mo., 1954

Kirk, Paul L. Orime Investigation, Interactance Publishers, Inc., New York, C1883 Snyder, LeMoyne, Homicide Investigation, Charles C. Thomas, Publisher, Springfald, Ill., 1889 Soderman, Harry and O'Connell, John J., Modern Oriented Investigation, Funk & Wagnalle Co., New York, 1985

Svensson, Arns and Wendall, Otto, Techniques of Crima Scene Investigation, American Eisevier Publishing Co., Inc., New York, 1966

APPENDIX II

HOMICIDE INVESTIGATION

The following are suggestions for the conduct of homicide investigations:

- 1. Direct person notifying you of the incident that first aid should be rendered to the victim, if appropriate, but that nothing is to be disturbed at or removed from the scene prior to your arrivel.
- 2. Arrenge for dispatch to the scene of a medical officer and a photographer.
- 3. Proceed to the scene
- 4. Obtain name, rank. Army service number, security clearance, and organization of the dehereson
- 5. Who discovered the body-what other persons were present at the scene of the crime-who can identify the body of the decessed? Record names and addresses for future reference.
- 6. Question available witnesses.
- 7. Ascertain the date and exact time of the discovery of the crime. 8. Was the deceased alive when first found? Did he make any statements or accusations?
- 9. Describe the exact location of the body when found-was the body moved before the investigator errived end, if so, by whom, why, and what change was made in the body's position?
- 10. Describe the position and appearance of the body
- 11. Photograph the body as found, if possible, and photograph surrounding area, where neces-
- sary. 12. Record the condition of the weather, the vielbility, the direction and force of the wind, and the illumination efforded the scene by the sun, moon, street lamps, or other sources of light.
- 13. Arrange, if possible, to have a medical officer or physician make a brief preliminary examination of the body before it is moved. Record his name.
- 14. With the assistance of the surgeon obtain a complete sutopsy report which should show as a minimum the following:
 - a. List of all apparent injuries, dirt, blood, powder burns, or other marks on the hody.
 - b. Complete physical description of the body. c. Medical opinion as to time of deeth.

 - d. Exact cause of deth.
- 15. When body is removed, mark position. Search area underneath and around body.
- 16. Arrange to obtain victim's clothing and make a careful search of it. Describe in notes Preserve and identify for use as evidence.
- 17. Conduct a thorough search of the crime scene.
- 18. Search any suspects and their residence, when necessary.
- 19. Prepare necessary photographs, sketches, and notes.
- 20. Describe the crime scene in detail.
- 21. Collect all available evidence, taking precautions to identify and preserve it.
- 22. Submit eny bullets, shells, weepone, hairs, bloodstains, fingernait ecrepings, empty bottles.

suspicious chemicais, fingerprints, footprints, and documents to a criminal laboratory for analysis.

23. Search seine and victim's effects for diarles, journals, jetters, addresses, telephona numbers, or other documents which may reveal information about the crims. Search barracks area, wall locker, footlocker, lugzage deaks, automobia, boat, home, garage, set deposit box, and other afmiliar areas or pieceses.

Note. Any search of family quarters ar other jointly held property should be requested in a very cautiens and tactful manner. Normally this would be a permissive-type search sutherised by the next-of-tim, unless adequate remede axis to obtain a search warrant.

24. Record the location, color, shape, size, and density of any blood apets found; collect, preserve, and identify them

25. Record the location, appearance, condition, and ownership of each article of clothing found at

the crime acene.

26. What is the general appearance of the exterior and interior of the scene of the crime? In

what condition are the furniture, rups, window cuctains, and article on tables? Are there are judgetes, marks, scars, stains, or other solling of furniture, carpets, curtains, and window silled Ware tapploon wires out? Did a search of the erims scene unoverstrands of his, cioth, buttons, and cigarette hutte? Ware these traces left by the victim, by the murderer, or by someone size?

27. Do the premises contain any clues as to the motive, identity, means of entry, or methods of the cultrit?

28. How did the murderer escape?

29. Does a reconstruction and search of the routs of the murderer reveal footprints, damaged vegetation, articles dropped while fleeing, or traces along the road?

80. What are the names, descriptions, addresses, peculiarities and habits of associates of the probable murderer? Ware may the murderer be found? What is the description of the weblish as used? Was he wounded or otherwise injured? Wast were his probable means and direction of except and place of rendervous? Has a peneral alarm been turned in for his apprehendan? M. Was robbery, revenge, ager, gladous, profit, asdim, eas motives, famality, or salf-defense a

possible motive for the crime?

32. Was the crime preceded by a quarrel or essault? Who participated? Where were they at the

time of the homicida?

33. What were the character, background, habits, and haunts of the deceased, the suspects, and of their associates?

34. Were any unguarded statements made by the witnesses and bystanders?

35. Were the suspects armed shortly before the crime? Were they seen at or near the scene of the crime nuder suspicious circumstances at the time of its occurrence?

crime nineer suspectous circumstances at the time of its occurrence?

36. What were the movements of suspects during the days preceding the crime and on the day of the crime?

37. What were the suspects' actions and demeaner subsequent to the crims? Did they take flight or go into hiding? Did they make any falso statements?

38. What persons frequently visit the suspects at their homes and their places of employment?

39. What are suspects' channels of communication and what information passes through them?
40. What movements are made by suspects' associates, sweethearts, and family?

41. From whom do they receive mail?

42. Were weapons ammunition, empty shells, steins, or other incriminating facts disclosed by a search of the suspect's residence? From whom, by whom, and when were the wespons escured?

43. What was the location and condition of all weapens or incriminating evidence found in the auspect's residence or office?

- 44. If the suspect has been apprehended, did a search of the clothing and fingernails reveal any blood or particles which would connect him with the scene of the crime?
- 45. Secure evidence of all statements by accused both before and after crime.
- 46. Check all statements for truth.
- Obtain dying declaration of victim, if possible. List persons present, and record time declaration was made.
- 48. Interview all close associates and barracksmates of deceased for possible leads.
- 48. Consider security aspects of the case from the moment the investigation commences. What was the security clearance of the victim Did he have access to classified information Attractive answers to these questions require immediate investigative attention to others. Was any classified information funds in the vicinity of the body? I say classified information maining from his unit? What these or opinions had the victim supressed contrary or deregatory to the national innerest? Were his sacclates in any way security risks? Did the victim or associates simpley any unexplainable signs of financial affiumnc? All security aspects must be

APPENDIX III

STREETS INVESTIGATION

The investigation of suicide la similar to the investigation of homicide and the suggestions contained in appendix II should be utilized. The following suggestions are additionally appropriate in the investigation of suicide:

- 1. Determine the motive. Possible motives may include-
- a. Financial difficulties.
 - b. Faiilng health.
 - c. Paychiatric problems.
 - d. Unwise or indiscreet emotional involvement with the opposite sex.
 - e. Domestic troubles
 - f. Homosexual activity.
 - General depression—caused by family problems, ill health, pain, divorce, or other serious problems.
 - h. Revenge.
 - Escape from an intolerable situation.
 - j. Loss of love, self-esteem, purpose, position, and usefulness.
 - k. Alcoholism or narcotics addiction.
 - L. Fear of compremise and/or punishment.
- 2. Consider security aspects of the case. Investigative determination of motive is essential in resolving the security implications. The victim's rank, position, security clearance, and access to classified information must be carefully evaluated in determination of the motive. Grimmia investigative islaions with intelligence agency personnel is security in obtaining their assistance in developing security leads. If the victim had access to classified material, the investigation should request that intelligence agency personnel example on an immediate investigation of the control o
- If the victim had custody of funds or property, arrangements should be made for an immediate audit or inventory of such funds or property.